

Dr. Monica BUTNARIU

REFERENCES	Web of Science Core Collection-Clarivate Analytics
ISI journal	64
Non-ISI journal	110
Conferences	>80
ISI Citations	>1200
Book chapters	9
Books	10
H-index =27(WoS)	

Professor, habilitated doctor, chemist, Chemistry & Biochemistry Discipline, Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, 300645, Calea Aradului 119, Timis, Romania.

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Scopus Author ID: [Scopus Author ID: 15070536800](#).

ResearcherID: [E-7217-2010](#).

Orcid ID: [0000-0002-2032-5000](#).

Other IDs: [Mendeley profile \(https://www.mendeley.com/profiles/monica-butnariu2/\)](https://www.mendeley.com/profiles/monica-butnariu2/)

<https://www.linkedin.com/in/monica-butnariu-25378a3b/>;

<https://www.brainmap.ro/profile/monica-butnariu>;

[SSRN-1691341 \(https://www.ssrn.com/Library/myLibrary.cfm\)](https://www.ssrn.com/Library/myLibrary.cfm);

[https://ec.europa.eu/research/participants/experts/contracts/profile \(EX2012D125018\)](https://ec.europa.eu/research/participants/experts/contracts/profile(EX2012D125018));

[Loop profile: 77709 \(https://loop.frontiersin.org/people/77709/overview\)](https://loop.frontiersin.org/people/77709/overview);

<https://publons.com/author/313852/monica-butnariu#profile>; [Expert TAIEX \(568279\)](#);

<https://www.scienceopen.com/search#author/e48c0bda-35d9-4c40-b790-39f05d71f392>.

SPECIAL TRAINING EXPERIENCE

2006–training course carried out by the *National Institute of Research (INRA)*, Centre de Recherché Toulouse, **Toulouse FRANCE**.

2007–*Advanced HACCP Course–Auditing and maintaining a functional HACCP system*, United States Department of Agriculture.

2007–Persistent pollution Course: *Past, Present and Future–Reconstruction for the assessment of state and changes in the meteo–marine environment*, GKSS Summer School, Institute of Coastal Research Centre; **Lunenburg, GERMANY**. (https://cordis.europa.eu/docs/publications/1258/125823091-6_en.pdf). (<https://epdf.tips/queue/persistent-pollution-past-present-and-future-school-of-environmental-research-or.html>).

2007–*3rd Summer School of Environmental Chemistry and Ecotoxicology Course 2007*, organized de RECETOX, **Brno, CZECH** (<http://www.recetox.muni.cz/index.php?pg=fotogalerie--letni-skola-2007>).

2008–*Course of Validation of the laboratory chemical methods*, A/461/2008, **ASRO–Romania**;

2008–*REP–LECOTOX 1st Ecotoxicogenomics: the challenge of integrating genomics/ proteomics/ metabolomics into aquatic, terrestrial ecotoxicology*, (<https://link.springer.com/article/10.1007/s11356-009-0128-2>). **Novi Sad, SERBIA**.

2011–Keynote Speakers invited 19th International Conference on Environmental Indicators, Technion (Israel Institute of Technology), **Haifa, ISRAEL**.

2017–Keynote Speakers invited 22nd International Conference on Environmental Indicators, 1st–5th August 2017, **Helsinki, FINLAND**. ([https://www.nature.com/natureevents/science/events/56307-22nd International Conference on Environmental Indicators](https://www.nature.com/natureevents/science/events/56307-22nd%20International%20Conference%20on%20Environmental%20Indicators)).

2018–Keynote Speakers invited on 23–26 July 2018, 6th Annual International Conference on Chemistry in (<https://www.atiner.gr/chemistry/org-che>). **Athens, GREECE**.

RESEARCH INTERESTS (Expertise & keywords):

Agricultural chemistry: Agrochemistry, Biotechnology, Agro–Food, Agro–Environment, Chemical pollutants; Environmental protection,

Applied chemistry: Instrumental analysis, Chemistry–Physical and Colloidal, Chemical plants and processes, Biocides, Biochemistry, Agrofood waste biovalorisation; Chemistry and Analytical Biochemistry, Applied Biotechnology,

Material chemistry: Biomaterials, Nanotechnology, Biological and materials science, Material science, Bioresources for a sustainable bioeconomy;

Other expertise:

- **Ethics Expert of European Commission Research Executive Agency** ([EX2012D125018](https://ec.europa.eu/research/infrastructure/infrastructure-projects/infrastructure-projects-2012-2013/infrastructure-projects-2012-2013-125018)),
- **Expert TAIEX** (568279) (*Technical Assistance and Information Exchange*) **of European Commission** (<https://webgate.ec.europa.eu/TMSWebRestrict/ExpertDatabase#/profile/expert/568279>) and
- **Expert of UEFISCDI** (RO) <https://www.brainmap.ro/profile/monica-butnariu>–UEF–ID: U–1700–038R–9385.

EMPLOYMENT

Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Romania. 300645, Calea Aradului 119, Timis, Romania.

1998 to present | Preparatory, Assistant Professor, Lecturer, Associate Professor, and Full Professor, doctor habilitat, chemist (Chemistry & Chemistry–Physical and Colloidal & Biochemistry Disciplines).

TEACHING EXPERIENCES: in Romanian

Conducting lecture and practical Classes in both undergraduate and Post–Graduate classes on *Chemistry and Biochemistry*, offered by Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Romania. 300645, Calea Aradului 119, Timis, Romania.

Conducted lectures and practical classes for graduate and under graduate students (*Toxicology, Water and Food Chemistry*) offered by "Victor Babes" University of Medicine and Pharmacy of Timisoara.

Conducted lectures and practical classes for graduate and under graduate students (*Modelling of biochemical mechanisms in forest ecosystems*) offered by Banat's University of Agricultural Sciences and Veterinary Medicine "King Michael I of Romania" from Timisoara, Romania. 300645, Calea Aradului 119, Timis, Romania.

Conducted lectures and practical classes for graduate and undergraduate students (related disciplines and approaches in Chemistry and Biochemistry, Chemistry–Physical and Colloidal).

EDUCATION (academic positions)

University Cluj-Napoca (<http://www.usamvcluj.ro/index.php/doctorat/abilitare>)

12/07 2013 Habilitation / doctor habilitat, Habilitation thesis Title: "*Identification and quantification of bio compounds in life science and applied biotechnology areas, aimed at sustainable development*".

"Victor Babes" University of Medicine and Pharmacy of Timisoara | Timisoara, Romania

2011 to 2012 | Postdoctoral Studies

Transylvania" University, Brasov | Brasov, Romania,

2010 to 2011 | Postgraduate specialization

Banat's University: Timisoara, Romania,

1999 to 2005 | PhD in sciences (analytical biochemistry, biotechnology, agro chemistry–science of chemical compositions and changes involved in the production, protection, and use of crops and livestock), Thesis Title: "*Researches on the heavy metals content in the Banat's soils and the consequences on the environment*".

Polytechnic University Timisoara, Industrial Chemistry and Environmental Engineering Faculty | Timisoara, Romania,

1997 to 1999 | Master Magister (Master in Technologies of Non–Pollutant Processes)

West University, Chemistry–Biology–Geography Faculty, Chemistry Specialty | Timisoara, Romania

1991 to 1996 | Chemistry

GRANTS/FUNDING [leader (director) and partner team leader (responsible project)]

PN-II-PT-PCCA-2011-3.2-1008 *New formulas used for control and treatment of oomycetes fungal diseases in horticulture crops.* UEFISCDI (The Executive Agency for Higher Education Research Development and Innovation Funding), Bucharest, Romania | Role in this project: **Partner team leader.**

(http://old.uefiscdi.ro/userfiles/file/PARTENERIATE/Competite_2011/REZULTATE%20FINALE/TIP%202/T2%20-%20D5.pdf; [ALINA BUTU]).

2012–07 to 2016–12 Contract: [PCCA-106_2012](#) | (http://www.dbioro.eu/pcca-106_2012).

TAMOP-4.1.1C-12/1/KONV-2012-0012 *Green Economy Cooperation.* (Szeged, Hungary, EU).

2013–04 to 2015–03 | Contract: [OU762-27-61](#).

R&D_SZTE-BAÁE. *Environmental–biochemical cooperation for prognosis of natural water and soil pollution in the Hungarian–Romanian cross–border region to shun catastrophe.* (European fund–ERDF).

2009 to 2011 | Contract: [HURO/0801/038](#).

(http://www.huro-cbc.eu/en/project_info/88?month=5&year=2011).

CEEX-ET. *Biotechnology for obtaining bio-products resulting from Plant indicators of recovery metals in soil.* UEFISCDI (The Executive Agency for Higher Education Research Development and Innovation Funding), Bucharest, Romania |

2006–09 to 2008–09 | Contract: [5899/18.09.2006](#).

(http://www.cnmp.ro/ceex/comp2_2006/oferta.php?id=17; [MONICA BUTNARIU])

CEEX-ET. *Assessment of metal content heavy soils with plants bio indicator and recovery them for therapeutic purposes,* UEFISCDI (The Executive Agency for Higher Education Research Development and Innovation Funding), Bucharest, Romania | (http://www.cnmp.ro/ceex/comp2_oct/oferta.php?id=11; [MONICA BUTNARIU]).

2006–04 to 2008–04 | Contract CEEX-ET: [1466/4/04.2006](#).

Co-Principal Investigators Project (selected):

Impact of functional food enriched with bioactive components antioxidants on quality of life Breast cancer. (2006–2008).

Spleen Phosphates landfill guano that fixates of ammonium and Transition metal–based studio of secondary phosphate soils amended with polyphosphates. (2006–2008).

Study of synergic bioactivity of antioxidant functional foods for reversibility of the metabolic syndrome MET-ANTIOX. (<http://www.cnmp.ro/ceex/comp1/oferta.php?id=543>) (2006–2008).

Impact of multicomponent functional foods in control of obesity and atherosclerosis, Antiatero–Alim. (2006–2008) (http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=2433).

SELECTED PAPERS in the Science Citation Index (SCI) / International Scientific Indexing (ISI) / Web of Science Core Collection-Clarivate Analytics / Peer Reviewed Journals [E-7217-2010], and PubMed Listed [Publications by Butnariu Monica in PubMed]

- 1) Stoleru, V. Munteanu, N. Stan, T. Ipatioaie, C. Cojocaru, L. **Butnariu, M.** Effects of production system on the content of organic acids in Bio rhubarb (*Rheum rhabarbarum* L.). *Romanian Biotechnological Letters*, (ISSN: 1224–5984). **2018** Vol. , No. x, DOI:[10.26327/RBL2017.98](https://doi.org/10.26327/RBL2017.98). *AIS=0.083. IF(2015): 0.404.*
- 2) Georgieva, N.A. Kosev, V.I. Genov, N.G. **Butnariu, M.** Morphological and biological characteristics of white lupine cultivars (*Lupinus albus* L.). *Romanian agricultural research*, (ISSN: 1222–4227), **2018**, 35, 109–119, First Online: March, 2018. DII 2067-5720 RAR 2018–23, <http://www.incda-fundulea.ro/rar/nr35/rar35.15.pdf>. **IF(2015): 0.272.**
- 3) Vardanian, A.; Kurzbaum, E.; Farber, Y.; **Butnariu, M.**; Armon, R. Facilitated enumeration of the silicate bacterium *Paenibacillus mucilaginosus* comb. nov. (formerly *Bacillus mucilaginosus*) via tetrazolium chloride incorporation into a double agar-based solid growth medium. *Folia microbiologica* (ISSN: 0015–5632), Publisher Springer, Van Godewijkstraat 30, 3311 GZ Dordrecht, Netherlands, DOI:10.1007/s12223-017-0567-y, **2018**, 63(3): 401–404 (WOS:000430317100017), **IF(2015): 1.521.**

- 4) Lorin, D. Cristina, R.T. Teusdea, V. Mitranescu, E. Muselin, F. **Butnariu, M.** David, G. Dumitrescu, E. Efficiency of four currently used decontamination conditionings in Romania against *Aspergillus* and *Candida* strains, *Journal de Mycologie Médicale/Journal of Medical Mycology* (ISSN: 1156–5233), **2017**, <http://dx.doi.org/10.1016/j.mycmed.2017.04.013>. **IF(2015): 1.269**.
- 5) Grozea, I., Trusca, R., Virteiu, A.M., Stef, R., **Butnariu, M.** Interaction between *Diabrotica virgifera* virgifera and host plants determined by feeding behavior and chemical composition, *Romanian Agricultural Research*, (ISSN: 1222–4227), **2017**, 34, 1–9, First Online: March, 2017. DII 2067–5720 RAR 2017–144, **IF(2015): 0.272**.
- 6) Gabor, A. Davidescu, C.M. Negrea, A. Ciopec, M. Muntean, C. Negrea, P. Ianasi, C. **Butnariu, M.** Magnesium silicate doped with environmentally friendly extractants used for rare earth elements adsorption. *Desalination and Water Treatment* (ISSN: 1944–3994), 63 (2017) v–vii, DOI: 10.5004/dwt.2017.20173, Published: FEB **2017**, Pages: 124–134, **IF(2015): 1.631**. (Quartile in Category–Q2).
- 7) Pentea. M. Hulea. C. Stancu. A. **Butnariu. M.** Cristina R.T. Developing the Plastination Laboratory for the Technique S10. *Materiale Plastice* (ISSN: 0025–5289). Volume: 53. Issue: 1. Pp: 150–152. **2016**. AIS=0.065. [2](#) (Web of Science Core Collection). [2](#) (Scopus). [2](#) (Google Scholar). **IF(2015): 0.820**.
- 8) Negrea. A; Ciopec. M; Negrea. P; Motoc. M; Hulka. I; Sarac. I; Petrescu. I; Vasileva. V. **Butnariu. M** (✉). Studies Regarding the Use of Ash from Pyrolysis Rubber as an Amendment to Soils Used to Cover Waste Dumps. with *Phalaris Arundinacea*. *Revista de chimie*. (ISSN: 0034–7752). Volume: 67. Issue: 11. Pp: 2164–2169. Published: NOV **2016**. AIS=0.057. **IF(2015): 1.132**.
- 9) Gabor. A; Davidescu. CM; Negrea. A; Ciopec. M; Negrea. P; **Butnariu. M.** Separation of La(III) Using Functionalized Material on Fixed Bed Column. *Revista de chimie*. (ISSN: 0034–7752). Volume: 67. Issue: 11. Pp: 2225–2227. Published: NOV **2016**. AIS=0.057. **IF(2015): 1.132**.
- 10) Gabor. A.E. Davidescu. C.M. Negrea. A. Ciopec. M. Ianasi. C. Muntean. C. Negrea. P. **Butnariu. M.** Lanthanum Separation from Aqueous Solutions Using Magnesium Silicate Functionalized with Tetrabutylammonium Dihydrogen Phosphate. *Journal of chemical and engineering data*, (ISSN: 0021–9568. Ar ASAP. DOI: 10.1021/acs.jced.5b00687 Volume: 61. Issue: 1. Pp: 535–542. Accession Number: WOS: 000368564600061. American Chemical Society) Published: JAN **2016**. AIS=0.469. [5](#) (Web of Science Core Collection). [5](#) (Scopus). [6](#) (Google Scholar). **IF(2015): 2.037**. (Quartile in Category–Q2).
- 11) **Butnariu. M** (✉). Sarac. I. Pentea. M. Samfira. I. Negrea. A. Motoc. M. Buzatu. A.R. Ciopec M. Approach for Analyse Stability of Lutein from *Tropaeolum majus*. *Revista de chimie*. (ISSN: 0034–7752). Volume: 67. Issue: 3. Pp: 503–506. **2016**. AIS=0.057. [13](#) (Web of Science Core Collection). [5](#) (Scopus). [14](#) (Google Scholar). **IF(2015): 1.132**.
- 12) Voda. R; Negrea. A; Lupa. L; Ciopec. M; Negrea. P; Davidescu. CM; **Butnariu. M** (✉). Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing. *Open chemistry*. (ISSN: 2391–5420. Volume: 13. Issue: 1. Pp: 743–747. DOI: 10.1515/chem–2015–0092. Accession No: WOS: 000355403100088. Published: JAN **2015**) AIS=0.22. [3](#) (Web of Science Core Collection). [2](#) (Scopus). [2](#) (Google Scholar). **IF(2015): 1.027**.
- 13) Virteiu. A.M; Stef. R; Grozea. I; **Butnariu. M.** Allelopathy potential of *Aesculus hippocastanum* extracts assessed by phytobiological test method using *Zea mays*. *Environmental engineering and management journal*. (ISSN: 1582–9596. eISSN: 1843–3707. Volume: 14. Issue: 6. Pp: 1313–1321. Accession No: WOS: 000360500200009. Published: JUN **2015**). AIS=0.073. [3](#) (Web of Science Core Collection). [3](#) (Scopus). [2](#) (Google Scholar). **IF(2015): 1.027**.
- 14) Samfira. I; Rodino. S; Petrache. P; Cristina. R.T; Butu. M; **Butnariu. M.** Characterization and identity confirmation of essential oils by mid infrared absorption spectrophotometry. *Digest journal of nanomaterials and biostructures*. (ISSN: 1842–3582. Volume: 10. Issue: 2. Pp: 557–565. Accession Number: WOS: 000357261800002. Published: APR–JUN **2015**). AIS=0.54. [13](#) (Web of Science Core Collection). [3](#) (Scopus). [10](#) (Google Scholar). **IF(2015): 0.945**.
- 15) Pentea. M.; Butu. M.; Samfira. I.; Cristina. R.T. **Butnariu. M.** Extraction and analytical study of salvinorin a from leaves of *Salvia divinorum*. *Digest journal of nanomaterials and biostructures*. (ISSN: 1842–3582. Volume: 10.

- Issue: 1. Pp: 291–297. Accession Number: WOS: 000353029900029. Published: JAN–MAR 2015). *AIS*=0.54. [11](#) (*Web of Science Core Collection*). [4](#) (*Scopus*). [2](#) (*Google Scholar*). **IF(2015): 0.945**.
- 16) Negrea. P. Caunii. A. Sarac. I. **Butnariu. M**✉. The study of infrared spectrum of chitin and chitosan extract as potential sources of biomass. *Digest journal of nanomaterials and biostructures*. (ISSN: 1842–3582. Volume 10. Number 4. Pp: 1129–1138. Accession No: WOS: 000366264800003. October–December 2015). *AIS*=0.057. [18](#) (*Web of Science Core Collection*). [18](#) (*Scopus*). [18](#) (*Google Scholar*). **IF(2015): 0.945**.
- 17) Csuma. A; Cristina. Romeo T.; Dumitrescu. E; Muselin. F; Alexa. E.C; Gergen. I. **Butnariu. M**. Application of QuEChERS–High Performance Liquid Chromatography with Postcolumn Fluorescence Derivatization (HPLC–FLD) method to analyze Eprinomectin B1a residues from a pour–on conditioning in bovine edible tissues. *Open chemistry*. (ISSN: 2391–5420. Volume: 13. Issue: 1. Pp: 769–779. DOI: 10.1515/chem–2015–0097. Accession No: WOS: 000355403100092. Published: JAN 2015) *AIS*=0.22. [3](#) (*Web of Science Core Collection*). [3](#) (*Scopus*). [1](#) (*Google Scholar*). **IF(2015): 1.027**.
- 18) Ciopec. M; Negrea. A; Pentea. M; Samfira. I. Motoc. M; **Butnariu. M**. Studies Concerning the Immobilisation and Stabilization of the Mining Landfills. *Revista de chimie*. (ISSN: 0034–7752. Volume: 66. Issue: 5. Pp: 645–653. Accession Number: WOS: 000355126000011. Published: MAY 2015) *AIS*=0.057. [4](#) (*Web of Science Core Collection*). [4](#) (*Scopus*). [4](#) (*Google Scholar*). **IF(2015): 1.132**.
- 19) Caunii. A; Negrea. A; Pentea. M; Samfira. I; Motoc. M; **Butnariu. M**. Mobility of Heavy Metals from Soil in the Two Species of the Aromatic Plants. *Revista de chimie*. (ISSN: 0034–7752. Volume: 66. Issue: 3. Pp: 382–386. Accession No: WOS: 000352756300020. Published: MAR 2015). *AIS*=0.057. [26](#) (*Web of Science Core Collection*). [11](#) (*Scopus*). [26](#) (*Google Scholar*). **IF(2015): 1.132**.
- 20) Caunii. A; Butu. M; Rodino. S; Motoc. M; Negrea. A; Samfira. I; **Butnariu. M**. Isolation and Separation of Inulin from *Phalaris arundinacea* Roots. *Revista de chimie*. (ISSN: 0034–7752. Volume: 66. Issue: 4. Pp: 472–476. Accession No: WOS: 000354914500007. Published: APR 2015). *AIS*=0.057. [23](#) (*Web of Science Core Collection*). [8](#) (*Scopus*). [14](#) (*Google Scholar*). **IF(2015): 1.132**.
- 21) Butu. A; Rodino. S; Golea. D; Butu. M; Negoescu. C; Dinu–Pirvu. C.E. **Butnariu. M**. Liposomal nanodelivery system for proteasome inhibitor anticancer drug bortezomib. *Farmacia*. (eISSN: 2065–0019. Volume: 63. Issue: 2. Pp: 224–229. Accession Number: WOS: 000353526900011. ISSN: 0014–8237. Published: MAR–APR 2015). *AIS*=0.059. [30](#) (*Web of Science Core Collection*). [8](#) (*Scopus*). [18](#) (*Google Scholar*). **IF(2015): 1.005**.
- 22) **Butnariu. M**✉. Samfira. I; Sarac. I; Negrea. A; Negrea. P. Allelopathic effects of *Pteridium aquilinum* alcoholic extract on seed germination and seedling growth of *Poa pratensis*. *Allelopathy journal*. (ISSN: 0971–4693. eISSN: 0974–1240. Volume: 35. Issue: 2. Pp: 227–236. Accession No: WOS: 000357105400008. Published: APR 2015). *AIS*=0.126. [27](#) (*Web of Science Core Collection*). [8](#) (*Scopus*). [18](#) (*Google Scholar*). **IF(2015): 0.523**. (*Quartile in Category–Q2*).
- 23) **Butnariu. M**✉. Negrea. P; Lupa. L; Ciopec. M; Negrea. A; Pentea. M; Sarac. I; Samfira. I. Remediation of Rare Earth Element Pollutants by Sorption Process Using Organic Natural Sorbents. *International journal of environmental research and public health*. (ISSN: 1660–4601. Volume: 12. Issue: 9. Pp: 11278–11287. DOI: 10.3390/ijerph120911278. Accession No: WOS: 000361889100051. PubMed ID: 26378553. Published: SEP 2015). *AIS*=0.684. [31](#) (*Web of Science Core Collection*). [12](#) (*Scopus*). [35](#) (*Google Scholar*). **IF(2015): 2.063**. (*Quartile in Category–Q2*).
- 24) Rodino. S. Butu. M. Negoescu. C. Caunii. A. Cristina. R.T. **Butnariu. M**. Spectrophotometric method for quantitative determination of nystatin antifungal agent in pharmaceutical formulations. *Digest journal of nanomaterials and biostructures*. Volume: 9. Issue: 3. Pp: 1215–1222. Published: JUL–SEP 2014 (Accession Number: WOS: 000346138400033. ISSN: 1842–3582) *AIS*=0.54. [39](#) (*Web of Science Core Collection*). [7](#) (*Scopus*). [31](#) (*Google Scholar*). **IF(2015): 0.945**.
- 25) Rashed. K; **Butnariu. M**. Antimicrobial and Antioxidant Activities of *Bauhinia racemosa* Lam. and Chemical Content. *Iranian journal of pharmaceutical research*. Volume: 13. Issue: 3. Pp: 1073–1080. Published: SUM 2014 (Accession Number: WOS: 000347384900035. PubMed ID: 25276210. ISSN: 1735–0328. eISSN: 1726–6890). *AIS*=0.237. [28](#) (*Web of Science Core Collection*). [18](#) (*Scopus*). [23](#) (*Google Scholar*). **IF(2015): 1.065**.

- 26) Petrache. P. Rodino. S. Butu. M. Pribac. G. Pentea. M. **Butnariu. M.** Polyacetylene and carotenes from *Petroselinum sativum* root. *Digest journal of nanomaterials and biostructures*. Volume: 9. Issue: 4. Pp: 1523–1527. Published: OCT–DEC 2014 (Accession Number: WOS: 000346138800025. ISSN: 1842–3582). *AIS*=0.54. [42](#) (*Web of Science Core Collection*). [8](#) (*Scopus*). [10](#) (*Google Scholar*). **IF(2015): 0.945**.
- 27) Cristina. R. Hanganu. F. Dumitrescu. E. Muselin. F. **Butnariu. M.** Constantin. A. Chiurciu. V. The Impact of Exogenic Testosterone and Nortestosterone–Decanoate Toxicological Evaluation Using a Rat Model. *PLoS ONE*. 2014. 9(10): e109219. doi:10.1371/journal.pone.0109219 (Accession Number: WOS: 000343730400046. PubMed ID: 25302584. ISSN: 1932–6203). *AIS*=1.1. [9](#) (*Web of Science Core Collection*). [2](#) (*Scopus*). [6](#) (*Google Scholar*). **IF(2014): 3.234**. (Quartile in Category–Q1).
- 28) Butu. M. Rodino. S. Pentea. M. Negrea. A. Petrache. P. **Butnariu. M.** IR spectroscopy of the flour from bones of European hare. *Digest journal of nanomaterials and biostructures*. Volume: 9. Issue: 4. Pp: 1317–1322. Published: OCT–DEC 2014 (Accession Number: WOS: 000346138800003. ISSN: 1842–3582). *AIS*=0.54. [30](#) (*Web of Science Core Collection*). [9](#) (*Scopus*). [13](#) (*Google Scholar*). **IF(2015): 0.945**.
- 29) Butu. M. Rodino. S. Butu. A. **Butnariu. M.** Screening of bioflavonoid and antioxidant activity of *Lens culinaris medikus*. *Digest journal of nanomaterials and biostructures*. Volume: 9. Issue: 2. Pp: 519–529. Published: APR–JUN 2014 (Accession Number: WOS: 000339050700010. ISSN: 1842–3582). *AIS*=0.54. [47](#) (*Web of Science Core Collection*). [10](#) (*Scopus*). [30](#) (*Google Scholar*). **IF(2015): 0.945**.
- 30) Butu. M. **Butnariu. M**✉. Rodino. S. Butu. A. Study of zingiberene from *Lycopersicon Esculentum* fruit by mass spectrometry. *Digest journal of nanomaterials and biostructures*. Volume: 9. Issue: 3. Pp: 935–941. Published: JUL–SEP 2014 (Accession Number: WOS: 000346138400005. ISSN: 1842–3582) *AIS*=0.54. [20](#) (*Web of Science Core Collection*). [16](#) (*Scopus*). [33](#) (*Google Scholar*). **IF(2015): 0.945**.
- 31) **Butnariu. M.** Rodino. S. Petrache. P. Negoescu. C. Butu. M. Determination and quantification of maize zeaxanthin stability. *Digest journal of nanomaterials and biostructures*. Volume: 9. Issue: 2. Pp: 745–755. Published: APR–JUN 2014 (Accession Number: WOS: 000339050700030. ISSN: 1842–3582). *AIS*=0.54. [31](#) (*Web of Science Core Collection*). [8](#) (*Scopus*). [25](#) (*Google Scholar*). **IF(2015): 0.945**.
- 32) **Butnariu. M**✉. Detection of the polyphenolic components in *Ribes nigrum L.* *Annals of agricultural and environmental medicine*. Volume: 21. Issue: 1. Pp: 11–14. Published: 2014 (Accession Number: WOS: 000333867800003. PubMed ID: 24742033. ISSN: 1232–1966. eISSN: 1898–2263). *AIS*=0.54. [45](#) (*Web of Science Core Collection*). [11](#) (*Scopus*). [43](#) (*Google Scholar*). **IF(2014): 1.126**.
- 33) Samfira. I. **Butnariu. M.** Rodino. S. Butu. M. Structural investigation of mistletoe plants from various hosts exhibiting diverse lignin phenotypes. *Digest journal of nanomaterials and biostructures*. Volume: 8. Issue: 4. Pp: 1679–1686. Published: OCT–DEC 2013 (Accession Number: WOS: 000327818000032. ISSN: 1842–3582). *AIS*=0.15. [25](#) (*Web of Science Core Collection*). [13](#) (*Scopus*). [11](#) (*Google Scholar*). **IF(2015): 0.945**.
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Butnariu M. Sarateanu V. Palicica RD. Gergen I. lanculov I. Samfira I. Chet C. Unguent farmaceutic si procedeu de obtinere pe baza de inflorescente de coada soricelului. crescute pe soluri imbogatite cu zinc / Pharmaceutical ointment based on inflorescences of milfoils growing on zinc-enriched soils and process for preparing the same. *Brevet de inventie*: **RO122952–B1**. Derwent Primary Accession Number: 2010–J60164/International Patent Classification: A61K–036/18; A61K–009/06/Derwent Manual Code(s): B03–A; B04–A08C2; B04–A09; B04–A10; B04–B01B; B10–E02; B10–J02; B12–M02B.

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Dumbrava D. lanculov I. Palicica R. Moisuc A. **Butnariu. M.** Unguent terapeutic pe baza de extract carotenoidic din *Zea mais* / Pharmaceutical ointment based on carotenoid extract from *Zea mays*. *Brevet de inventie*: **RO122893–B1**. Derwent Primary Accession Number: 2010–K25088/International Patent Classification: A61K–036/18; A61K–009/06/ Derwent Manual Code(s): B03–A; B04–A08C2; B04–A09; B04–A10; B04–B01B; B10–E02; B10–J02; B12–M02B.

Dumbrava D. Lupea A. lanculov I. Palicica R. Moisuc A. **Butnariu M.** Unguent terapeutic pe baza de extract carotenoidic din fructe de *Hippophae rhamnoides* si procedeu de obtinere / Pharmaceutical ointment based on carotenoid extract of *Hippophae Rhamnoides* fruit and process for preparing the same. *Brevet de inventie*: **RO122834–B1**. Derwent Primary Accession Number: 2010–J60199/ International Patent Classification: A61K–036/185; A61K–009/06/ Derwent Manual Code(s): B03–A; B03–F; B04–A08; B04–A09; B04–A10; B12–M02B.

([from Derwent Innovations Index](#) *Web of Science Clarivate Analytics*)

PRE PUBLICATION REVIEWS: Monica Butnariu <https://publons.com/a/313852>

Publons Verified Record

PREPARED BY PUBLONS ON APRIL 3RD 2018



Monica Butnariu

<https://publons.com/a/313852>

Peer Review Summary

Performed 91 reviews for journals including *Environmental Progress & Sustainable Energy* and *Journal of Pharmacy and Pharmacology*, placing in the 98th percentile for verified review contributions on Publons up until April 2018.

	24	Environmental Progress & Sustainable Energy
	7	Journal of Pharmacy and Pharmacology
	4	African Journal of Biotechnology
	4	Journal of Applied Pharmaceutical Science
	4	Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Horticulture
	4	Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture
	3	Drug Design, Development and Therapy
	3	Future Medicinal Chemistry
	3	Basic and Clinical Pharmacology & Toxicology
	3	Open Biotechnology Journal
	3	Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Food Science and Technology
	3	Bulletin of the University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca Animal Science and
Biotechnologies		
	2	Current Pharmaceutical Biotechnology
	2	Net Journal of Agricultural Science
	2	Food Bioscience
	2	Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Veterinary Medicine
	1	Plos One
	1	Chemosphere
	1	Desalination
	1	International Journal of Nanomedicine
	1	European Food Research and Technology
	1	Journal of Wood Science
	1	Natural Product Research
	1	Iranian Journal of Pharmaceutical Research
	1	Preparative Biochemistry and Biotechnology
	1	Food Science and Technology
	1	Merit Research Journal of Medicine and Medical Sciences
	1	Biharean Biologist
	1	Journal of Biodiversity, Bioprospecting and Development
	1	Biochemical Sciences
	1	International Journal of Water Resources and Environmental Engineering
	1	Journal of Agricultural Science and Food Technology
	1	Environmental Progress
	1	Nigerian Journal of Science and Environment (NJSE)

EDITORIAL RECORD SUMMARY:

Managed the reviewing process for 2 publications for journals including *Banat's Journal of Biotechnology*. These are all the editorial records added to Publons up until February 2018.

2



Banat's Journal of Biotechnology in Web of Science™ Core Collection, the Emerging Sources Citation Index (ESCI–<http://mjl.clarivate.com/cgi-bin/jrnlst/jresults.cgi>).

PROFESSIONAL MEMBERSHIPS:

Basel Declaration for Advances in human and veterinary medicine through animal experiments (<http://www.basler-deklaration.ch/basel-deklaration-society/ambassadors/>) Active Member: *AMBASSADORS*, (Since 2013).

Biochemical Society/Portland Press Ltd, London, UK–Active Member: *Full Members* (<http://www.omicsonline.org/searchresult.php?keyword=Monica+Butnariu&search=Go>); (Since 2009).

CONEM Romania Biotechnology and Environmental Sciences Group (<http://www.conem.org/about-conem/groups/europe/>). Active Member: *HEAD*, (Since 2015).

ESPEN–The European Society for Clinical Nutrition and Metabolism, Active Member: *Full Members* (http://www.espen.info/EspenWebsite/EspenMember/my_profile cms.aspx), (Since 2011).

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International Carotenoid Society, (<http://www.carotenoidsociety.org/user/monicabutnariu>) Active Member: *Full Members* (Since 2011).

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Member of the Branch ARFT_CRIFST (http://acad-tim.tm.edu.ro/?page_id=596) Timisoara (<http://acad-tim.tm.edu.ro/wp-content/uploads/2018/02/ARFT-Membrii-Filialei-CRIFST-Timisoara-2018.pdf>).

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